



Montana Department of Transportation
PO Box 201001
Helena, MT 59620-1001

MEMORANDUM

To: See Distribution
From: Mark Wissinger, P.E.
Construction Engineer
Date: June 29th, 2006
Subject: Supplemental Specification Revisions: 203.03.3 Moisture and Density Requirements and 701.04.1 Table 701-17 Table of Gradations – Bedding Material

The Construction Administration Services Bureau is proposing revisions to Standard Specification, Table 203-1 Compaction Requirements and Table 701-17 Table of Gradations – Bedding Material. Following the Standard Specification Revision Process outlined in the Construction Engineer’s Memorandum dated January 9, 2002 the following information is provided.

1. Standard Specification, Table 203-1 Compaction Requirements and Table 701-17 Table of Gradations – Bedding Material will be modified.
2. The Proposed Draft of the change is attached along with this memorandum.
3. Revision to the Standard Specifications is needed to clarify the compaction of the embankment is 95%. The current specification requires 90% compaction which should only be used on minor slope flattening projects with no slope stability. It is very important to require 95% compaction of the embankment to achieve the desired stability. Slope flattening projects that only require 90% compaction will be handled with a Special Provision.
4. Those impacted by the change include:

Contractors, Construction
5. The following individuals were consulted and/or involved in developing the proposed revisions:

Geotechnical Section, Construction Bureau’s

*It is requested that written comments on **the proposed revisions only**, be returned to mdtspecifications@mt.gov no later than July 31st, 2006.*

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Loran Frazier	Dist. Const. Engineers	Materials Lab Supervisors
Jim Walther	MDT Legal	FHWA
Eng. Bureau Chiefs	Construction Reviewers	MCA
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Delete the fifth paragraph (that begins with "Compact safety slope").

Changes to TABLE 203-1 are still out for comment.

701.04.1 TABLE 701-17 TABLE OF GRADATIONS – BEDDING MATERIAL Page 388 X-X-06

Rescind the 4 Inch (100 mm) sieve size for the 100 Percent Passing and replace with 1 1/2 Inch (37.5 mm).

Delete the Note under Table 701-17.

**TABLE 701-17
TABLE OF GRADATIONS - BEDDING MATERIAL**

PERCENTAGE BY WEIGHT PASSING SQUARE MESH SIEVES	
Sieve Size	Percent Passing
1 1/2 inch (37.5 mm)	100
No. 4 (4.75 mm)	24-60
No. 200 (0.075 mm)	12 maximum